

SHIVAM

+91-9639330652

shivamsharmass9897@gmail.com

twitter

github

TECHNICAL SKILLS

Programming Languages: TypeScript, javascript, Python, SQL.

Frontend Development: React.js, React Nativ, Next.js, Tailwind CSS, ShadCN UI.

Frontend Tools: Figma, Framer, UI/UX.

Backend Development: Node.js, Express.js, REST APIs, JWT Authentication, Redis.

Databases: PostgreSQL, MongoDB, MySQL.

Technologies/Frameworks: Docker, AWS, Git, GitHub, Postman, Vercel, Render, Neon.

Core CS: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks.

SUMMARY

- Software Engineer with hands-on experience building scalable full-stack web applications. Proficient in HTML, CSS, JavaScript, TypeScript, React.js, Node.js, and PostgreSQL, with a strong focus on responsive design, UI/UX, and clean, maintainable code. Passionate about creating user-friendly, production-ready applications and continuously learning new technologies.

TECHNICAL EXPERIENCE

Full-Stack Developer — Hunter | React (TypeScript), Node.js, Express.js, PostgreSQL, Prisma (Live Demo)

- Built and deployed an **AI-powered job tracking platform** supporting resume management, application tracking, and automated follow-ups, **reducing manual tracking effort by 70%**.
- Designed a secure backend with **PostgreSQL and Prisma ORM**, handling **JWT authentication**, role-based access, and relational data modeling for users, jobs, resumes, and analytics.
- Implemented an **automated email reminder system** using Nodemailer and cron jobs to notify users of stale applications, improving engagement and follow-up efficiency.

P2P Payment Application | React.js, Node.js, Express.js, MongoDB, Socket.io, Docker, GitHub Actions (GitHub)

- Built a **full-stack peer-to-peer payment application** with secure user authentication, real-time balance tracking, and instant money transfers between registered users.
- Implemented **ACID-compliant money transfers** using MongoDB multi-document transactions to eliminate race conditions, and built a paginated transaction ledger with debit/credit filtering and persistent history.
- Architected a **real-time notification system** using Socket.io with room-based event emission, persisting payment alerts in MongoDB with read/unread states and a responsive notification bell UI with live badges.
- Containerized the full-stack application with **Docker Compose** and multi-stage builds, and implemented an automated **CI/CD pipeline** using GitHub Actions for linting, Jest testing, and deployment.

Online Judge API | Node.js, Express.js, MongoDB, JWT, child_process (GitHub)

- Built a **secure online judge backend** handling user registration, JWT-based session management, and a complete code submission lifecycle from pending to judged status.
- Architected an **automated code evaluation engine** using Node.js `child_process` to compile and execute C/C++/Python submissions against hidden test cases with timeout enforcement and normalized output comparison.
- Designed a **MongoDB data model** for problems, test cases, and submissions, implementing per-test-case result tracking with execution time metrics and granular pass/fail reporting.
- Hardened the REST API with **Helmet security headers**, rate limiting on authentication routes, Zod schema validation on all endpoints, and a global error handler to prevent stack trace leakage in production.

EDUCATION

Bachelor of Technology in Computer Science & Engineering (B.Tech)

2022 – 2026

Eshan College of Engineering

– 7.4 CGPA

Senior Secondary School (12th, PCM)

2022

BBVM, CBSE

CERTIFICATES / EXTRACURRICULAR

- * **Data Structures and Algorithms:** Solved over 100+ problems on **CodeForces**, **LeetCode**, and **CodingNinjas**.
- * **Full Stack Development:** Boosted development knowledge from the APTRON Web Development Course.
- * **Advanced Certification:** Gained valuable experience through a **Development Workshop** and **CS50** courses.